

## COMPLAINT

### SECONDARY COMPLAINTS

## No converter apply

- Converter overheat • Poor cooler flow • Transmission fluid overheat

## CAUSE

Wear at the lockup relay valve sleeve due to continuous oscillation of the lockup relay valves.

## CORRECTION

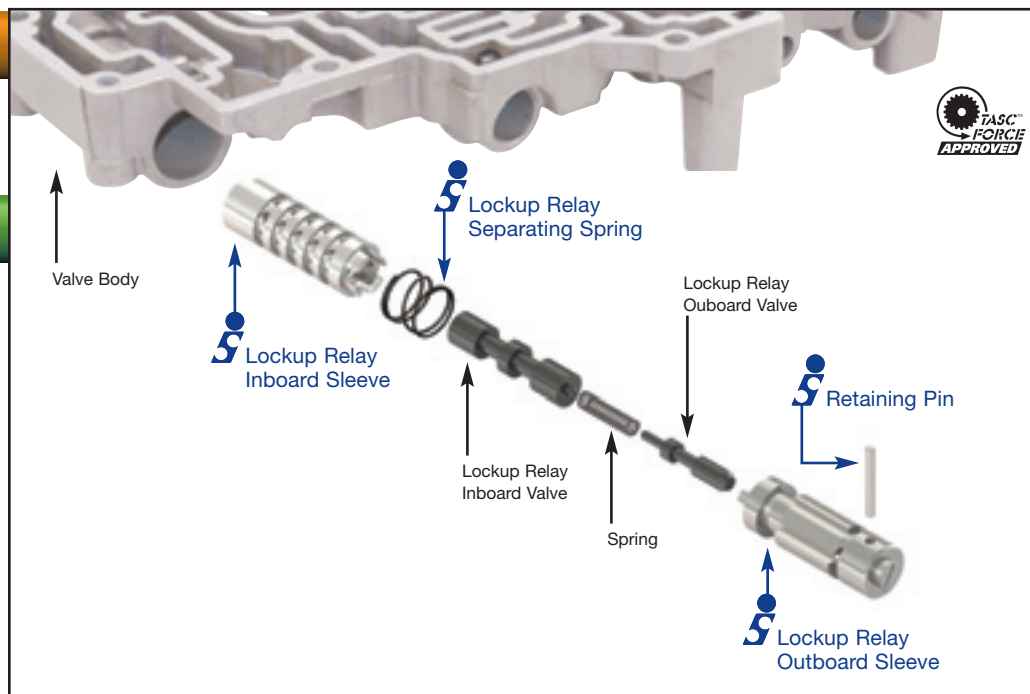
These highly wear-resistant billet aluminum sleeves provide almost 50% more valve support to aid in leakage prevention, and restore the hydraulic integrity of the circuits.

## Lockup Relay Valve Sleeve Kit

### 97855-27K

- 1 Inboard Sleeve
- 1 Outboard Sleeve
- 1 Separating Spring
- 1 Retaining Pin

**Note:** This kit works with the 3-solenoid and 3-land lockup relay valve. It does not fit any applications with four or more solenoids.



### Sonnax Part Summary

Some vehicles equipped with an A340 or AW4 series transmission may exhibit complaints of no converter apply, overheated converters, lack of cooler flow and/or transmission fluid overheating. A worn lockup relay valve sleeve due to continuous oscillation of the lockup relay valves can cause these complaints. Wear in the 1st land (see illustration below) may cause a loss of Solenoid 3 signal pressure, which may prevent the valve from stroking fully into the TCC apply position. When the TCC is signaled ON, wear at the 2nd and/or 3rd lands may allow converter apply pressure to leak to exhaust, creating reduced apply pressure and cooler flow.

The Sonnax replacement kit 97855-27K provides two drop-in-place sleeves that are sized to reuse the OEM valves. These sleeves are made from highly wear-resistant billet aluminum, which provides a much longer wear life than the OEM cast-aluminum sleeve. The Sonnax sleeves also provide almost 50% more support for the valves, which helps reduce wear and hydraulic leakage. This sleeve kit allows the salvage of an expensive valve body, and provides increased durability compared to the OEM design.

### Features & Benefits

- Highly wear-resistant billet aluminum sleeves for increased durability.
- Almost 50% more support for valves to aid in leakage prevention.
- Kit allows salvage of expensive valve bodies.

